Claim 8, line 1, change "one of the claims 5 to 7" to --claim 5--;

Claim 11, line 1, delete "or 10";

Claim 12, line 1, change "one of the claims 9 to 11" to --claim 9--;

Claim 15, line 1, delete "or 14";

Claim 16, line 1, change "one of the claims 13 to 15" to --claim 13--.

Cancel claim 17.

Add new claim 18 as follows:

--18. Transmission system for transmitting OFDM-signals, comprising:

a transmission apparatus including modulation means for modulating said signals onto a plurality of subcarriers by OFDM-modulation, transformation means for transforming said modulated signals into the time domain, and transmission means for transmitting said signals **characterized in** that in said modulation means every M-th subcarrier is modulated, wherein M is an integer greater than or equal to 2; and

a receiving apparatus for receiving said OFDM-signals having M identical or respectively mirrored waveforms within one OFDM-timeburst, including receiving means for receiving said OFDM-signals, correlation means for correlating said waveforms to obtain time synchronization, transformation means for transforming said signals into the frequency domain,